

Standards Working Group Minutes

October 16-18, 2000

NOTE: At the direction of the Center's Corporate Staff and Board of Directors, the Standards Committee has been restructured into a working group - aptly called the Standards Working Group (SWG). The SWG comprises 5 standing members with an unlimited number of virtual members that are brought in as required to accomplish specific tasks. The SWG meets on no set schedule.

Attendees:

<i>Status</i>	<i>Name</i>	<i>E-mail Address</i>	<i>Phone</i>
Facilitator	Kevin Backe	Kevin.backe@usace.army.mil	703 428-6505
Co-facilitator	Toby Wilson	Wilsonj@wes.army.mil	601 634-3604
	Harold Smith	Smithh2@wes.army.mil	601 634-4190
	Donald Morgan	Dmorgan@tec.army.mil	703 428-6864
Member	Nancy Blyler	Nancy.j.blyler@usace.army.mil	202 761-8893
Member	Bobby Bean	Beanra@navair.navy.mil	310 757-1700
	David Horner	Hornerd3@wes.army.mil	601 634-3106
Member	Bobby Carpenter	Carpenb@wes.army.mil	601 634-4572
	V. Danushkodi	Danusho@wes.army.mil	601 634-4452
	Chip Fleming	fleminw@wes.army.mil	601 634-2789
	Warren Bennett	Bennetw@wes.army.mil	601 634-3995
	Laurel Gorman	Gormanl@wes.army.mil	601 634-6696
	Denise Martin	Martind1@wes.army.mil	601 634-4574

Action Items Summary:

- Nancy Blyler and Kevin Backe were tasked to propose the formation of a FIE SIG (special interest group) in the Open GIS Consortium to address GIS objects. Possible chair of the group to be determined later.
- Toby Wilson and his AEC focus group were tasked to contact TriForma/Architectural Desktop developers to determine if data developed within the two applications can be extracted for importation into SDSFIE.
- Don Morgan will prepare (and distribute a draft prior to next meeting) a roadmap for relationships and dependencies for Standards and standards projects.
- Members (standing and virtual) were assigned responsibility for keeping individual agencies informed on the SWG's activities.
 - Wilson – NASA, State, GSA
 - Blyler – Corps
 - Carpenter – Air Force
 - Bean - Navy
 - Morgan – Coast Guard
 - Backe – Army
- Nancy Blyler was asked to check with Corps HQ to determine status of Center accepting funds from Contractors to cover training.
- Bobby Carpenter was tasked to keep Nancy Blyler and Kevin Backe informed on success of Project 1.001 (Leveraging Local GIS Using SDS) so that they can report to FGDC.
- Bobby Carpenter/Dr. Dan to determine if a "true SDS-compliant data set" has been successfully imported into the Ground Water Modeling System (GMS) as part of Project 0.032SDS to GMS Interface. Results to be forwarded to SWG members ASAP.
- Warren Bennett to distribute draft strategy for objects (1.004 Consolidated Object Strategy) prior to November 1, 2000.

Action Items Summary (con't):

- Nancy Blyler was tasked to identify Corps “Civil Works” virtual member for the FMSFIE focus group (Bobby Bean, group leader).
- Toby Wilson was tasked to determine virtual membership for AEC Focus Group.
- Bobby Carpenter and Kevin Backe will take lead on developing a “compliance” statement for the SDSFIE and distribute draft to SWG members.
- Nancy Blyler will write discussion paper on SWG’s decision process on how Foreign Data (very specific information/standards) are incorporated into the standards and on what schedule.
- Harold Smith to ensure Kevin Backe is on Corporate Staff distribution list.

Meeting Minutes

Monday

1:00 p.m. October 16, 2000

Kevin Backe tentatively accepted the role as the SWG’s facilitator – awaiting upper management approval from TEC. Toby Wilson agreed to serve as co-facilitator. The new SWG has 5 standing members. (See membership above.)

- Four Special focus groups and their individual leaders were identified.
 - AEC – Toby Wilson
 - SDSFIE – Bobby Carpenter
 - FMSFIE – Bobby Bean
 - Objects – Warren Bennett

All of the Center’s FY01 work plan projects related to the standards were presented and discussed.

- *96.013 Spatial Data Standards* –
The possibility of adding a Real Estate filter to the SDSFIE was highlighted. No action/decision was made. The item will be revisited at the next meeting.

Kevin Backe updated the status of transitioning the SDSFIE to an ANSI standard. Actions outstanding include a MOU with ANSI and a slightly modified GUI for the SDSFIE (being developed by Barry Schimpf, Upper 90).

Don Morgan stated that the Hydrography content for the SDS can be completed in 6 to 9 months.

Kevin Backe stated that the work of the FGDC’s Biology Taxonomy Classification subgroup should be reviewed for its possible impact on the SDSFIE standards.

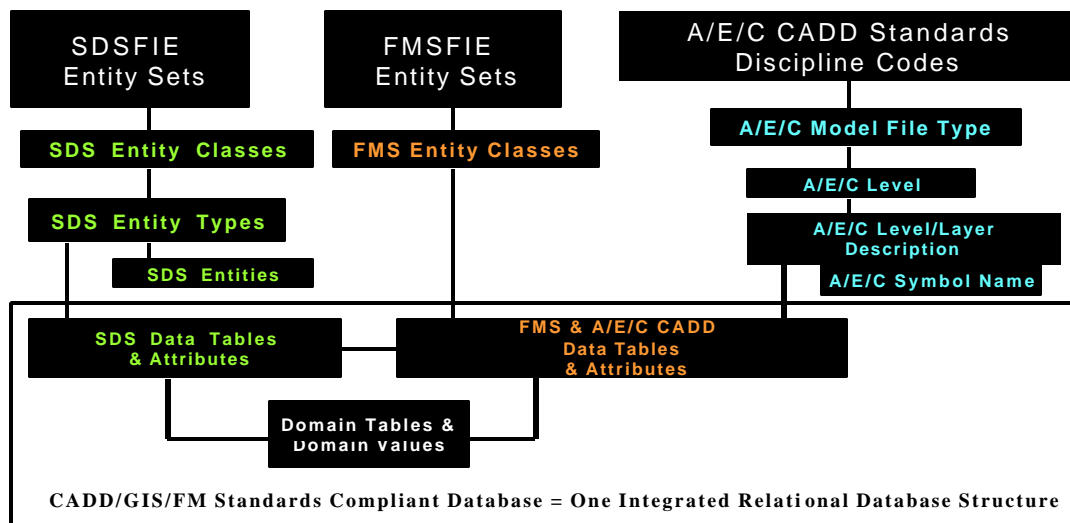
- *0.026 USGS Digital Data Standard*
The group agreed to question Intergraph on the future of MGE. If there is no future development of MGE planned, the group suggests the SDSFIE no longer use MGE as one of the GIS Application Generation options in the SDS Generator. No immediate action was planned.
- *1.001 Leveraging Local GIS Using SDS*
Nancy Blyler to check with Corps HQ to determine status of Center accepting funds from Contractors for training. Bobby Carpenter to keep Nancy Blyler and Kevin Backe informed on success of the project so that they can report to FGDC on success of federal government working with local government.
- *1.037 Update of Dredging-Related Terms, Standards and Concepts for SDSFIE*
Amount of detail required might be a problem for SDSFIE. See DM-Smart, DOER. SDSFIE designed to house “results” not analysis information.

- *0.032 SDS to GMS Interface*
Bobby Carpenter/Dr. Dan to determine if a “true SDS-compliant data set” has been successfully imported into the Ground Water Modeling System (GMS) as part of Project 0.032 SDS to GMS Interface. Results to be forwarded to SWG members ASAP.
- *96.015 FMSFIE*
Rational Rose and Visio are the two modeling packages for UML that should be evaluated as part of FY01 effort. (Add Rational Rose to Component 2 of project.)
- *1.039 Development of FMS Entity Set For Real Property*
The definition and scope of “Real Property” is of concern. SWG members felt that this project should be accomplished in close coordination with the Component 6 of Project 96.015, which is developing the asset management portion of FMS. They felt that this project should focus on the work item management portion of the FMS which links to cots CMMS/CAFM systems.

New Data Model for SDSFIE and FMSFIE

The SWG approved a new data model (Option 2) for the Center’s standards. The Center will begin development of the new FMSFIE data model (Option 2) this FY. The new FMSFIE data model will be “transactional” in nature and be closely integrated with the SDSFIE. The current FMSFIE data model (Option 1) will continue to be defined and expanded until the new transactional data model has been completed and approved.

CADD/GIS/FM Standards Data Model



The following is an excerpt from Bobby Carpenter’s presentation:

- Several different strategies for integration of FMSFIE with SDSFIE & A/E/C CADD Standards were investigated in FYs 1997 & 1998. In FY 1998, the following two options were presented to FMS Task Group, FUGs (formerly FWGs), & CS (formerly FTAG & EWG). Option 1 was selected, beginning with Release 1.80.
- Option 1 – Develop FMSFIE Within Current SDSFIE Data Model - Would involve development of FM Entity Classes within appropriate existing SDSFIE Entity Set.

- Option 2 – Develop FMSFIE As Separate Standard. Would involve development of separate FM Entity Sets built around data model structure (Entity Set, Entity Class, Entity Type,...) similar to existing SDSFIE data model.
- 98.245 *Object Standards*
Project should be combined with Consolidated Object Strategy in FY01.
Don Morgan will prepare (and distribute a draft prior to next meeting) a roadmap for relationships and dependencies for Standards and standards projects.

Tuesday
October 17, 2000

FMSFIE Strategic Plan

- Invite Industry to continue participation in plan.
- Initial development of FMSFIE model should focus on BOD-approved focus areas: Assets, Land Management, Civil Works, etc.
- Create 5 person FMSFIE focus group to work on data model. Group to meet 2nd week in December at Center. Identified members are:

Bobby Bean, Leader – Transactional FM specialist
Bobby Carpenter – Environmental/FMSFIE PM
Denise Martin – FM FUG Facilitator/Commercial FM Specialist
? Civil Works/Land MGT Specialist - Nancy Blyler to find
? ITAM Specialist - Laurel Gorman to help find

Toby to set up CADD focus group. First item is to determine if Bentley/Autodesk can extract data sets for importation into SDSFIE. Identified members are:

Kevin Backe
Toby Wilson
?
?

Wednesday
October 17, 2000

Filters for Attributes

Bobby to set up telephone conference call to discuss technical issues on developing custom filters or permitting user-defined filters at the attribute level - include Nancy Towne and Barry Schimpf.

Bobby Carpenter and SDSFIE focus group to address “standard” filters and determine which ones should be part of SDSFIE/FMSFIE. Members of the SDSFIE focus Group are:

Bobby Carpenter – Leader
Nancy Blyler
Nancy Towne
?
?

Kevin will attend November 28,29 Corporate Staff Meeting.

Make sure Kevin Backe is on the distribution list for the Corporate Staff.

Next meeting will be January 8-10 at the Center in Vicksburg, MS.

Agenda Items – Content and functionality issues are standing report items for every SWG and focus group meeting(s). Suggestions, comments, and responses to all comments on the Standard are to be addressed at each meeting. General agenda for next meeting is:

- Objects Focus Group (2 hrs)
- FMSFIE Focus Group (4 hrs)
- SDSFIE Focus Group (3 hrs)
- AEC Focus Group (1 hr)

Meeting adjourned on Wednesday at 1200 noon.